

103-90-10560

103-90-056

East fork above lake

6/2/79 8:45

Walker/Edgington

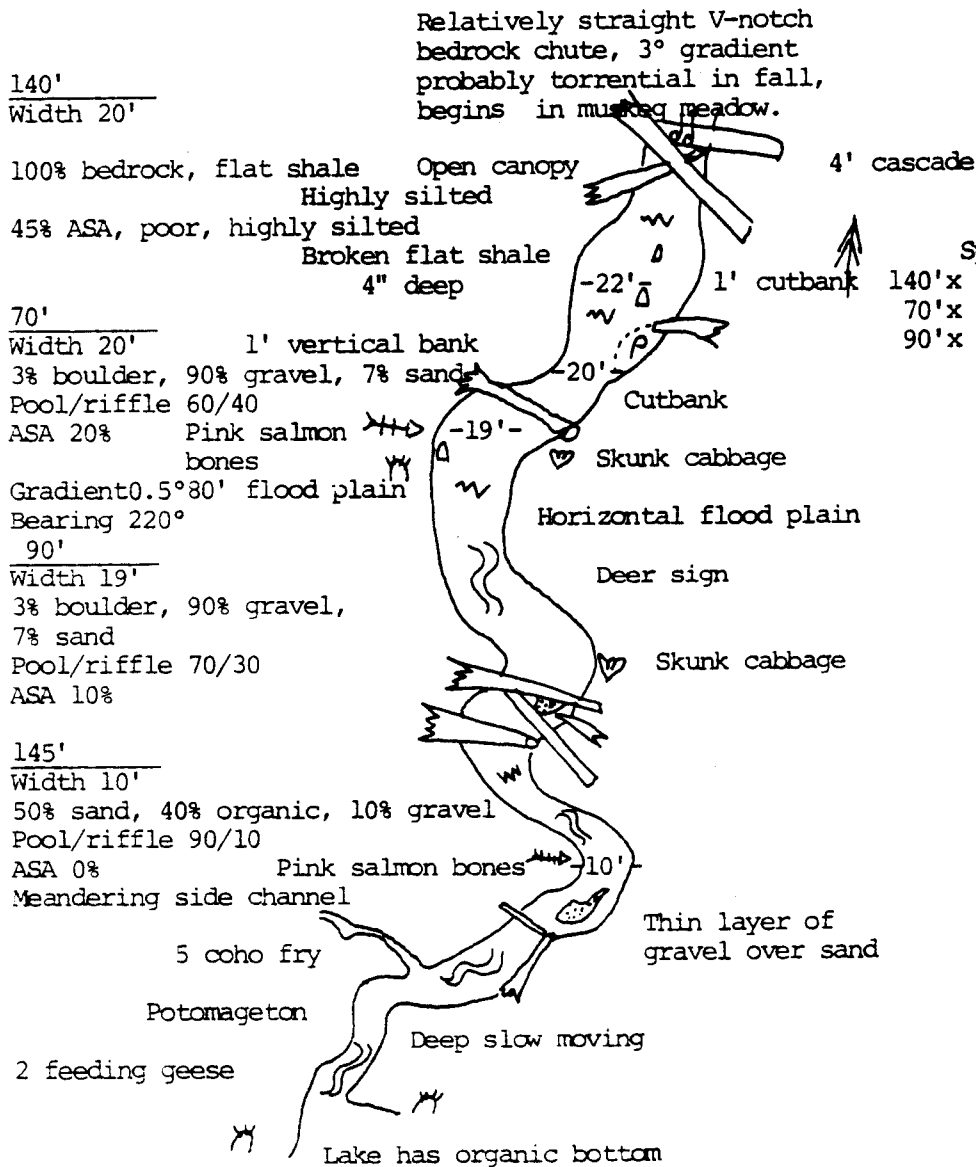
Rain, tide receding

Air: 52°F

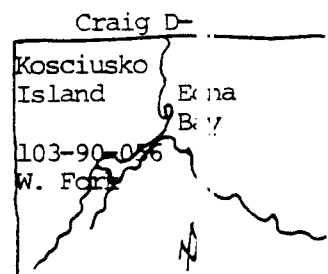
Water: 48°F

Ph 7.5, dark brown musk: g

Flow-est 2 cfs



Spawning Area
140'x 20'x 45 = 113 m²
70'x 20'x 20 = 25 m²
90'x 19'x 10 = 15 m²
Total 153 m²



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West fork, midsection cascades



103-90-056
 West fork above lake
 6/2/79 10:20
 Walker/Edgington
 Overcast, receding tide
 Air: 51°F
 Water: 43°F
 pH 8.0
 4 cfs, normal flow

1115' (341m)
 455' (139m)

80% gravel
 20% sand

Pool/riffle 20/80

ASA 80%, good

Rearing excellent

Forested flood plain
 Hemlock and spruce
 1' cutbank
 -20'-
 Slow moving pools
 1 steel head
 Some undercutting
 Moderate canopy
 -12'-
 1' cutbank
 Salmonberry overhang

Slow riffles
 Skunk cabbage

Spawning Area

160'x 12'x 30%	= 53 m ²
455'x 15'x 80%	= 501 m ²
285'x 10'x 30%	= 76 m ²
250'x 12'x 30%	= 83 m ²
125'x 10'x 80%	= 92 m ²
190'x 8'x 20%	= 28 m ²
225'x 8'x 30%	= 50 m ²
150'x 15'x 20%	= 41 m ²
100'x 20'x 20%	= 37 m ²
150'x 11'x 20%	= 30 m ²
210'x 14'x 30%	= 81 m ²
80'x 18'x 20%	= 26 m ²

1098 m²

660' (202m)
 160' (49m)
 Width 12'

60% gravel
 40% sand

Pool/riffle 90/10

ASA 30%, fair

Much sand

500' (153m)
 500' (153m)
 Width 14'

20% gravel, 80% sand
 Slow moving pools throughout

ASA 0%
 Excellent rearing, many rearing fish throughout

Salmonberry overhang

3 black bear

Meandering stream
 many rearing coho

Sand bottom

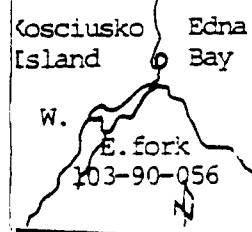
-12'-

-14'-

Many rearing coho
 Grass in channel
 Log 3' over water no obstacle

Poor rearing, no cover
 Potamogeton
 2 mallards

Craig D-5



2190' (668m)

225' (69m)

Width 8'

20% boulder, 30% cobble

40% gravel

Pool/riffle 40/60

ASA 30%

Gradient 3°

Bearing 180°

1965' (600m)

190' (58m)

Width 8'

30% bedrock, 30% boulder

40% gravel

Pool/riffle 50/50

ASA 20%, poor

Rearing good

1775' (542m)

125' (38m)

Width 10'

Bedrock 10%, 90% gravel

Pool/riffle 20/80

ASA 80%, fair

Gradient 2°, Bearing 210°

1650' (504m)

250' (76m)

Width 12'

20% boulder, 80% gravel

Pool/riffle 50/50

ASA 30%, fair

Loose gravel, some siltation

Gradient 1.5°

Bearing 150°

1400' (428m)

285' (87m)

Width 10'

20% boulder, 80% gravel

Pool/riffle 50/50

ASA 30%, fair

Loose gravel, some siltation

Channel becomes
deeper

Exposed bedrock

1' cascade

10°

Gradient 1°

Gravel cutbank

Bearing 200°

103-90-056

West fork above
lake

Many moss covered boulders

35°

Some undercutting

3' cascade

2' cascade

Rearing coho under debris

Possibly coho

35°

Wasting bedrock

Several rearing coho

Salmonberry

Some undercutting

3' cascades

16' channel

1' cascades

Some undercutting

Open canopy

Slow, insilted
channel

Bedrock channel

Tree draping in stream

Salmonberry overhang

1' cascade

Silt covered boulders

P = 30 x 20 x 2

2' cascade

Bear sign

Salmonberry

5°

3180' (970m)

80' (24m)

Width 18'

Pool/riffle 50/50

ASA 20%

Bearing 185°

3100' (947m)

210' (64m)

Width 14'

10% boulder, 80% gravel, 10% sand

Pool/riffle 30/70

ASA 30%, good

Rearing good

Bearing 47°

2890' (883m)

150' (46m)

Width 11'

30% bedrock, 20% cobble

50% angular gravel

Pool/riffle 20/80

ASA 20%, fair

Moderate gravel compactness

Gradient 1°

Bearing 153°

2740' (837m)

100' (31m)

Width 20'

80% gravel, 20% sand

Pool/riffle 60/40

ASA 20%, good

Excellent rearing

2640' (806m)

150' (46m)

Width 12'

40% bedrock, 20% boulder,

20% cobble, 20% gravel

Pool/riffle 20/80

ASA 0%

Poor rearing

2490' (760m)

150' (46m)

Width 15'

10% bedrock, 15% boulder

10% cobble, 65% gravel

Pool/riffle 80/20

ASA 20%, fair

Rearing fair

Gradient 3°

Bearing 180°

2340' (714m)

150' (46m)

Width 7'

30% bedrock, 30% boulder

40% gravel

Pool/riffle 20/80

ASA 0%, rearing

poor 20' vertical bank

Gradient 3°

Bearing 180°

P = 20 x 8 x 3

Continues same upstream

Spruce and Cedar Cutbank

Much blowdown

20° Moderate canopy

Bedrock bottom

Cutbank

6" cutthroat trout

Stream under and over debris

Moderate canopy

Many rearing coho and cutthroat trout throughout

Game trail

Some cutting

Slow pools under logs

6" cascade

P = 30 x 20 x 2

Bedrock, cobble bottom

Slow moving pool

Skunk cabbage

Much blowdown, stream under and over log

Debris block

Vertical bank

Wasting bedrock

Devil's club

Many small cascades

Salmonberry

Sand bottom in pools

2' cascade over debris

Devil's club.

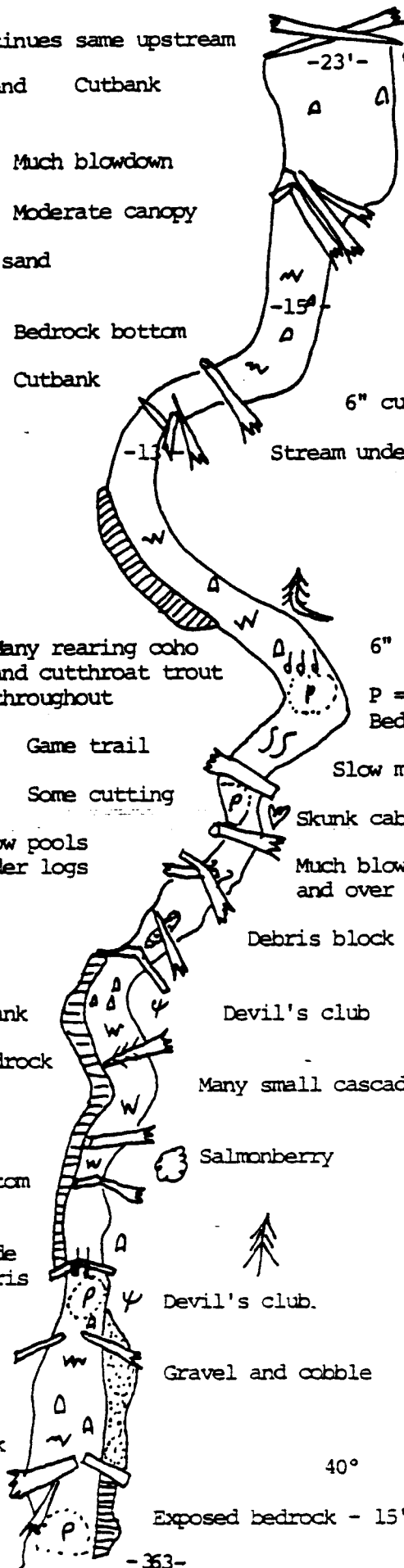
Hemlock cedar

Moderate canopy

Gravel and cobble

40°

Exposed bedrock - 15' channel



103-90-10560

Name: Three Bears Creek
Latitude: 55 56 40 N 43 "
Longitude: 133 39 48 W 30 "
Geodetic Map No: Craig D-5
Location: In S.W. Edna Bay
Kosciuska Island
Catalog No: 105-90-056
Former Stream No: FRT#6, ADF Stat #WC76,
Previous #6, ADF #I52B, FWS #6
Work Area: Ketchikan
Watershed Length: 1.25 with tributary
Drainage Area: 0.98 square mile
Water Supply Type: Surface and ground
runoff
Trails & Survey Routes: Trail near by, game trails along stream in areas.

Aerial Survey Notes: Moderate canopy to open canopy

Anchorage: Edna Bay, the S.W. part in 3-12 fathoms with mud bottom.

Tide Stage when Surveyed: Falling

RESOURCES

COMMERCIAL FISHERIES (species, escapement, timing, spawning area):
Rearing coho, steelhead, fish bones. Recent peak survey of 4,000 pink in
1976. Chum present. East fork 153 m² below block. West fork 1089m² =
2845' x 13' x 0.34 = 1131m². Estimated total 2220 m².

Schooling Areas: Schooling off mouth and in lake above mouth.

Spawning Areas: Best ASA developed in west fork no intertidal spawning areas
were observed.

SHELLFISH POTENTIAL: Good dungeness populations in Edna Bay.

SPORT FISHERIES: Steelhead, cutthroat observed.

LAND USE (history, present, proposed): Recent logging in watershed.

REHABILITATION POTENTIAL: Not needed now.

SOILS: Some areas of bank wasting, windthrow, cutbanks and recent silt
accumulation in channel.

GAME RESOURCES (species, use, habitat): Three black bear observed, mallards,
geese and deer sign.

PEAK ESCAPEMENT RECORD

103-90-56 Edna Bay - S.W. corner (Davidson Inlet)

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
1942	5,000			
9/16/43	5,000			Poor. 1,000 at mouth
9/20/44	1,000	500		Poor. 550 at mouth
10/14/46	2,500		20 cohoes	Good.
10/3/47	2,000			Good.
8/29/60	200			
1961 through 1963				No survey
1964	None seen			
8/17/65	2,000			
1966 through 1975				No survey
8/28/76	4,000			
1977				No survey



103-90-057

Midstream

